

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 09/24/2012
API #: 47-2105623

Farm name: Woolter, Elton D. Operator Well No.: Woolter 5

LOCATION: Elevation: 1104' GL / 1112' KB Quadrangle: Philippi

District: Philippi County: Gilmer
Latitude: 2,290 Feet South of 39° Deg. 00 Min. 00 Sec.
Longitude 1,240 Feet West of 80° Deg. 47 Min. 30 Sec.

Company: PDC Mountaineer

Address:	120 Genesis Blvd.	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	Bridgeport, WV 26330	13 3/8"	27'	27'	
Agent:	Bob Williamson	9 5/8"	338'	338'	141
Inspector:	David Gilbert	7"	1,788'	1,788'	382
Date Permit Issued:	10/01/2008	4 1/2"	4,798'	4,798'	375
Date Well Work Commenced:	11/13/2008				
Date Well Work Completed:	12/03/2008				
Verbal Plugging:					
Date Permission granted on:					
Rotary <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>	Rig <input type="checkbox"/>			
Total Vertical Depth (ft):	5,563'				
Total Measured Depth (ft):	5,563'				
Fresh Water Depth (ft.):	210'				
Salt Water Depth (ft.):	NA				
Is coal being mined in area (N/Y)?	N				
Coal Depths (ft.):	NA				
Void(s) encountered (N/Y) Depth(s)	N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Benson Pay zone depth (ft) 4678
Gas: Initial open flow N/A MCF/d Oil: Initial open flow ---- Bbl/d
Final open flow 80 MCF/d Final open flow ---- Bbl/d
Time of open flow between initial and final tests 720 Hours
Static rock Pressure 1400 psig (surface pressure) after 72 Hours

Second producing formation N/A Pay zone depth (ft) -----
Gas: Initial open flow ----- MCF/d Oil: Initial open flow ----- Bbl/d
Final open flow ----- MCF/d Final open flow ----- Bbl/d
Time of open flow between initial and final tests ----- Hours
Static rock Pressure ----- psig (surface pressure) after ----- Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

9/25/2012
Date

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702812

Farm name: Berwind Land Company Operator Well No.: CBM-MC90

LOCATION: Elevation: 2,404.65' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 5,975 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 7,415 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	24'	24'	n/a
Agent: John H. Johnston	7"	381.50'	381.50'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,960.03'	1,960.03'	130 sks
Date Permit Issued: 7/20/2011				
Date Well Work Commenced: 12/15/2011				
Date Well Work Completed: 12/21/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 2,080 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 1,450 (damp)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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WV Department of
Environmental Protection

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Butford Myers Signature 5/1/12 Date
Butford Myers, Vice Pres- VA Gas Ops.

Were cuttings caught during drilling? Yes _____ No X

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

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Office of the Clerk

W-4 2002

U.S. Department of
Environmental Protection

COMPANY: CNX GAS CO LLC
 HOLE: MC-90
 RIG: 294
 LOCATION: BERWIND LAKE RD

DATE STARTED: 12/15/2011
 DATE COMPLETED: 12/21/2011

ELECTRIC LOGGED: YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0	24	24	24 OVERBURDEN
24	30	30	6 SAND/SHALE
30	60	60	30 SAND/SHALE
60	75	75	15 SAND/SHALE
75	76	76	1 COAL
76	90	90	14 SHALE/SAND
90	120	120	30 SAND/SHALE
120	150	150	30 SAND/SHALE
150	160	160	10 SHALE
160	161	161	1 COAL
161	180	180	19 SHALE/SAND
180	195	195	15 SAND/SHALE
195	196	196	1 COAL
196	210	210	14 SHALE/SAND
210	230	230	20 SAND/SHALE
230	231	231	1 COAL
231	240	240	9 SHALE/SAND
240	270	270	30 SAND/SHALE
270	300	300	30 SAND/SHALE
300	330	330	30 SAND/SHALE
330	360	360	30 SAND/SHALE
360	390	390	30 SAND/SHALE
390	401	401	11 SAND/SHALE
401	425	425	24 SAND/SHALE
425	427	427	2 COAL
427	430	430	3 SAND/SHALE
430	460	460	30 SAND/SHALE
460	490	490	30 SAND/SHALE
490	520	520	30 SAND/SHALE
520	550	550	30 SAND/SHALE
550	576	576	26 SAND/SHALE
576	577	577	1 COAL
577	580	580	3 SAND/SHALE
580	610	610	30 SAND/SHALE
610	640	640	30 SAND/SHALE
640	658	658	18 SAND/SHALE
658	660	660	2 COAL
660	670	670	10 SAND/SHALE
670	690	690	20 SAND/SHALE

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 12/21/2011
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690	692	2 COAL
692	700	8 SAND/SHALE
700	730	30 SAND/SHALE
730	745	15 SAND/SHALE
745	746	1 COAL
746	760	14 SHALE/SAND
760	790	30 SAND/SHALE
790	815	25 SAND/SHALE
815	816	1 COAL
816	820	4 SHALE
820	850	30 SHALE/SAND
850	875	25 SAND/SHALE
875	876	1 COAL
876	880	4 SHALE
880	910	30 SHALE/SAND/SHALE
910	925	15 SAND/SHALE
925	926	1 COAL
926	940	14 SHALE/SAND
940	970	30 SAND/SHALE
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1060	30 SAND/SHALE
1060	1090	30 SAND/SHALE
1090	1120	30 SAND/SHALE
1120	1150	30 SAND/SHALE
1150	1160	10 SAND/SHALE
1160	1161	1 COAL
1161	1180	19 SHALE/SAND
1180	1210	30 SAND/SHALE
1210	1225	15 SAND/SHALE
1225	1226	1 COAL
1226	1240	14 SHALE/SAND
1240	1241	1 COAL
1241	1260	19 SHALE
1260	1261	1 COAL
1261	1270	9 SHALE/SAND
1270	1280	10 SAND/SHALE
1280	1281	1 COAL
1281	1300	19 SHALE/SAND
1300	1320	20 SAND/SHALE
1320	1321	1 COAL
1321	1330	9 SHALE/SAND
1330	1360	30 SAND/SHALE
1360	1380	20 SAND/SHALE
1380	1381	1 COAL
1381	1390	9 SHALE/SAND
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1495	15 SAND/SHALE
1495	1496	1 COAL
1496	1510	14 SHALE/SAND

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MAY 2 2011

WILLIAMSBURG
Environmental Services

1510	1511	1 COAL
1511	1540	29 SHALE/SAND
1540	1570	30 SAND/SHALE
1570	1600	30 SAND/SHALE
1600	1630	30 SAND/SHALE
1630	1660	30 SAND/SHALE
1660	1688	28 SAND/SHALE
1688	1689	1 COAL
1689	1690	1 SAND/SHALE
1690	1720	30 SAND/SHALE
1720	1748	28 SAND/SHALE
1748	1749	1 COAL POCA 3
1749	1750	1 SAND/SHALE
1750	1760	10 SAND/SHALE
1760	1761	1 COAL
1761	1780	19 SAND/SHALE
1780	1808	28 SAND/SHALE
1808	1809	1 COAL
1809	1810	1 SAND/SHALE
1810	1840	30 SAND/SHALE
1840	1870	30 SAND/SHALE
1870	1900	30 SAND/SHALE
1900	1915	15 SAND/SHALE
1915	1916	1 COAL
1916	1930	14 SAND/SHALE
1930	1960	30 SAND/SHALE
1960	1990	30 SAND/SHALE
1990	2020	30 SAND/SHALE
2020	2050	30 SAND/SHALE
2050	2080	30 SAND/SHALE/RED SHALE

2080

2080 FT TOTAL DEPTH
24 FT OF 13 3/8 CASING
381.50 FT OF 7 CASING
1960.03 FT OF 4 1/2 CASING

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JAN 11 2011
WILLIAMSON COUNTY
CIVIL ENGINEERING SECTION

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702814

Farm name: Berwind Land Company Operator Well No.: CBM-MC127

LOCATION: Elevation: 2,062.51' Quadrangle: Amonate

District: Big Creek County: McDowell
Latitude: 350 Feet South of 37 Deg. 15 Min. 00 Sec.
Longitude 7.540 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNK Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	36'	36'	n/a
Agent: John H. Johnston	7"	381.95'	381.95'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,560'	1,560'	105 sks
Date Permit Issued: 7/18/2011				
Date Well Work Commenced: 10/31/2011				
Date Well Work Completed: 11/09/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,750 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 50 (damp)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Butford Myers Signature 5/11/12 Date
Butford Myers, Vice Pres-VA Gas Ops.

Were cuttings caught during drilling? Yes _____ No X

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

[illegible]

Formations Encountered:	Top Depth	Bottom Depth
Surface:		

[illegible]

COMPANY CNX GAS CO LLC
 HOLE MC-127
 RIG #: 294
 LOCATION: BERWIND LAKE RD, WV

DATE STARTED: 10/31/2011
 DATE COMPLETED: 11/9/2011

ELECTRIC LOGGED: YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC.
0	36	36	36 OVERBURDEN
36	60	60	24 SAND/SHALE
60	70	70	10 SAND
70	72	72	2 COAL
72	90	90	18 SAND/SHALE
90	120	120	30 SAND/SHALE
120	150	150	30 SAND/SHALE
150	180	180	30 SAND/SHALE
180	190	190	10 SAND
190	191	191	1 COAL
191	210	210	19 SAND/SHALE
210	240	240	30 SAND/SHALE
240	270	270	30 SAND/SHALE
270	300	300	30 SAND/SHALE
300	330	330	30 SANDY SHALE/SAND
330	350	350	20 SANDY SHALE
350	352	352	2 COAL
352	360	360	8 SAND
360	390	390	30 SAND
390	400	400	10 SAND/SANDY SHALE
400	420	420	20 SAND/SHALE
420	421	421	1 COAL
421	430	430	9 SAND/SHALE
430	460	460	30 SAND/SHALE
460	490	490	30 SAND/SHALE
490	510	510	20 SAND/SHALE
510	511	511	1 COAL
511	520	520	9 SAND/SHALE
520	550	550	30 SAND/SHALE
550	575	575	25 SAND/SHALE
575	576	576	1 COAL
576	580	580	4 SAND/SHALE
580	610	610	30 SAND/SHALE
610	640	640	30 SAND/SHALE
640	670	670	30 SAND/SHALE
670	700	700	30 SAND/SHALE
700	701	701	1 COAL
701	730	730	29 SHALE/SAND
730	750	750	20 SAND/SHALE

750	751	1 COAL
751	760	9 SHALE
760	775	15 SHALE
775	776	1 COAL
776	790	14 SHALE/SAND
790	820	30 SAND/SHALE
820	850	30 SAND/SHALE
850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	920	10 SHALE
920	921	1 COAL
921	940	19 SHALE/SAND/SHALE
940	970	30 SHALE/SAND
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1060	30 SAND/SHALE
1060	1090	30 SAND/SHALE
1090	1105	15 SAND/SHALE
1105	1106	1 COAL
1106	1120	14 SHALE/SAND
1120	1140	20 SAND/SHALE
1140	1141	1 COAL
1141	1150	9 SHALE
1150	1160	10 SHALE
1160	1161	1 COAL
1161	1180	19 SHALE/SAND/SHALE
1180	1210	30 SHALE
1210	1218	8 SHALE
1218	1219	1 COAL
1219	1240	21 SHALE/SAND
1240	1255	15 SAND/SHALE
1255	1256	1 COAL
1256	1270	14 SHALE/SAND
1270	1300	30 SAND/SHALE
1300	1315	15 SAND/SHALE
1315	1316	1 COAL (POCA-3)
1316	1330	14 SHALE/SAND
1330	1360	30 SAND/SHALE
1360	1390	30 SAND/SHALE
1390	1391	1 CAOL
1391	1420	29 SHALE/SAND
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1510	30 SAND/SHALE
1510	1520	10 SHALE
1520	1521	1 COAL
1521	1540	19 SHALE/SAND
1540	1570	30 SAND/SHALE
1570	1600	30 SAND/SHALE
1600	1630	30 SAND/SHALE
1630	1660	30 SAND/SHALE
1660	1690	30 SAND/SHALE

1690	1720	30 SAND/SHALE
1720	1735	15 SAND/SHALE
1735	1750	15 RED SHALE

1750' TOTAL DEPTH
36' OF 13 3/8" CASING
381.95' OF 7" CASING
1560' OF 4 1/2" CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702815

Farm name: Berwind Land Company Operator Well No.: CBM-MC128

LOCATION: Elevation: 1,891.92' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 14.140 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 6.080 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	26.50'	26.50'	n/a
Agent: John H. Johnston	7"	380.60'	380.60'	150 sks
Inspector: Gary L. Kennedy	4 1/2"	1,395.28'	1,395.28'	110 sks
Date Permit Issued: 7/18/2011				
Date Well Work Commenced: 11/15/2011				
Date Well Work Completed: 11/18/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,570 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 27 (3 gpm)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

B. Myers Signature 5/1/12 Date
Butford Myers, Vice Pres- VA Gas Ops.

Were cuttings caught during drilling? Yes _____ No **X**

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

[illegible]

COMPANY: CNX GAS CO LLC
 HOLE: MC-128
 RIG: 244
 LOCATION: BERWIND LAKE, VA

DATE STARTED: 11/15/2011
 DATE COMPLETED: 11/18/2011

ELECTRIC LOGGED: YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0	26.5	26.5	OVERBURDEN
26.5	30	30	SAND/SHALE
30	60	60	SAND/SHALE/COAL (COAL @ 45-46)
60	90	90	SAND/SHALE/COAL (COAL @67-68)
90	120	120	SAND/SHALE/COAL (COAL @115-116)
120	150	150	SAND/SHALE
150	180	180	SAND/SHALE/COAL (COAL @155-156 &179-180)
180	210	210	SAND/SHALE
210	220	220	SAND/SHALE
220	222	222	COAL
222	240	240	SAND/SHALE
240	270	270	SAND/SHALE
270	300	300	SAND/SHALE
300	330	330	SAND/SHALE
330	356	356	SAND/SHALE
356	357	357	COAL
357	360	360	SAND/SHALE
360	390	390	SAND/SHALE
390	400	400	SAND/SHALE
400	415	415	SAND/SHALE
415	426	426	SAND/SHALE
426	456	456	SAND/SHALE/COAL (COAL @447-448)
456	486	486	SAND/SHALE
486	516	516	SAND/SHALE/COAL (COAL @504-505)
516	546	546	SAND/SHALE
546	576	576	SAND/SHALE/COAL (COAL @554-555)
576	606	606	SHALE/COAL (COAL @605-606)
606	636	636	COAL/SHALE (COAL @611)
636	670	670	SHALE/COAL/SHALE (COAL @662-663)
670	700	700	SHALE/SAND/SHALE
700	730	730	SHALE/COAL/SHALE (COAL @707-708)
730	760	760	SHALE/COAL/SHALE (COAL @732-733)
760	790	790	SHALE/COAL/SHALE (COAL @767-768 &788-789)
790	820	820	SAND/SHALE
820	850	850	SAND/SHALE
850	880	880	SHALE/COAL/SHALE (COAL @879-880)
880	910	910	SHALE/COAL/SHALE (COAL @904-906)
910	940	940	SHALE/COAL/SHALE (COAL @938-939)
940	970	970	SHALE/COAL/SHALE (COAL @964-966)
970	1000	1000	SHALE/SAND/SHALE
1000	1030	1030	SHALE/COAL/SHALE (COAL @1018-1019)
1030	1060	1060	SHALE/COAL/SHALE

1060	1090	30 SAND/SHALE
1090	1120	30 SAND/SHALE/COAL (COAL @1119-1120)
1120	1150	30 COAL/SHALE (COAL @1120-1121)
1150	1180	30 SHALE
1180	1210	30 SANDY SHALE/SHALE
1210	1240	30 SANDY SHALE
1240	1270	30 SANDY SHALE/COAL/SANDY SHALE (COAL @1250-1251)
1270	1300	30 SANDY SHALE/SAND
1300	1330	30 SANDY SHALE/COAL/SANDY SHALE (COAL @1320-1321)
1330	1360	30 SANDY SHALE
1360	1390	30 SANDY SHALE
1390	1420	30 SANDY SHALE
1420	1450	30 SAND/SANDY SHALE
1450	1480	30 SANDY SHALE
1480	1510	30 SANDY SHALE
1510	1540	30 SANDY SHALE
1540	1570	30 SANDY SHALE/RED SHALE (RED SHALE @1555)
		1570

1570 FT TOTAL DEPTH
 26.50 FT OF 13 3/8 CASING
 380.60 FT OF 7 CASING
 1395.28 FT IF 4 1/2 CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702816

Farm name: Berwind Land Company Operator Well No.: CBM-MC130

LOCATION: Elevation: 2,098.15' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 11,700 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 4,695 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	24'	24'	n/a
Agent: John H. Johnston	7"	381.48'	381.48'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,607.87'	1,607.87'	120 sks
Date Permit Issued: 7/05/2011				
Date Well Work Commenced: 12/05/2011				
Date Well Work Completed: 12/09/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,785 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): n/a				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Burford Myers
Signature

5/1/12
Date

Burford Myers, Vice Pres-VA GasOps.

Were core samples taken? Yes _____ No ^X_____

Were cuttings caught during drilling? Yes ☐ No ☒

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____

Surface: _____

[illegible]

COMPANY: CNX GAS CO LLC
HOLE: MC-130
RIG: 244
LOCATION:

DATE STARTED: 12/5/2011
DATE COMPLETED: 12/9/2011

ELECTRIC LOGGED: YES
GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0	24	24	OVERBURDEN
24	30	6	SAND
30	60	30	SAND/SHALE
60	90	30	SAND/SHALE/COAL (COAL @75-76)
90	120	30	SAND/SHALE
120	150	30	SAND/SHALE
150	180	30	SAND/SHALE
180	210	30	SAND/SHALE/COAL (COAL @201-202)
210	240	30	SAND/SHALE/COAL (COAL @215-216 & 218-219)
240	270	30	SAND/SHALE/COAL (COAL @268-269)
270	300	30	SAND/SHALE
300	330	30	SAND/SHALE/COAL (COAL @320-321)
330	360	30	SAND/SHALE
360	390	30	SAND/SHALE
390	401	11	SAND/SHALE
401	427	26	SAND/SHALE/COAL (COAL @409-110)
427	457	30	SAND/SHALE/COAL (COAL @435-436 & 436-437 & 447-448 & 449-450)
457	487	30	SAND/SHALE/COAL (COAL @478-479 & 480-481)
487	517	30	SAND/SHALE
517	547	30	SAND/SHALE/COAL (COAL @534-536)
547	577	30	SAND/SHALE
577	607	30	SAND/SHALE
607	637	30	SAND/SHALE/COAL (COAL @615-616 & 621-622)
637	667	30	SAND/SHALE
667	697	30	SAND/SHALE
697	727	30	SAND/SHALE
727	757	30	SAND/SHALE
757	787	30	SAND/SHALE/COAL (COAL @772-773 & 778-779)
787	817	30	SAND/SHALE/COAL (COAL @806-807 & 810-812 & 813-814)
817	847	30	SAND/SHALE
847	885	38	SAND/SHALE/COAL (COAL @851-852)
885	915	30	SAND/SHALE/COAL (COAL @886-887)
915	945	30	SAND/SHALE/COAL (COAL @933-934)
945	975	30	SAND/SHALE/COAL (COAL @967-968)
975	1005	30	SAND/SHALE
1005	1035	30	SAND/SHALE
1035	1065	30	SAND/SHALE
1065	1095	30	SAND/SHALE
1095	1125	30	SAND/SHALE/COAL (COAL @1101-1102)
1125	1155	30	SAND/SHALE/COAL (COAL @1144-1145)
1155	1185	30	SAND/SHALE/COAL (COAL @1163-1164)

1185	1215	30 SAND/SHALE/COAL (COAL @1191-1192)
1215	1245	30 SAND/SHALE
1245	1275	30 SAND/SHALE
1275	1305	30 SAND/SHALE
1305	1335	30 SAND/SHALE/COAL (COAL @1333-1335)
1335	1365	30 SAND/SHALE
1365	1395	30 SAND/SHALE/COAL (COAL @1375-1376)
1395	1425	30 SAND/SHALE/COAL (COAL @1405-1406 & 1420-1421)
1425	1455	30 SAND/SHALE
1455	1485	30 SAND/SHALE
1485	1515	30 SAND/SHALE
1515	1545	30 SAND/SHALE/COAL (COAL @1520-1521)
1545	1575	30 SAND/SHALE/COAL (COAL @1555-1556 & 1559-1560)
1575	1605	30 SAND/SHALE
1605	1635	30 SAND/SHALE
1635	1665	30 SAND/SHALE
1665	1695	30 SAND/SHALE
1695	1725	30 SAND/SHALE
1725	1755	30 SAND/SHALE
1755	1785	30 SAND/SHALE/RED SHALE @1775

1785

1785 FT TOTAL DEPTH
24 FT OF 13 3/8 CASING
381.48 FT OF 7 CASING
1607.87 FT OF 4 1/2 CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702817

Farm name: Berwind Land Company Operator Well No.: CBM-MC134

LOCATION: Elevation: 2,211.43' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 9.820 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 4.830 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	45.95'	45.95'	n/a
Agent: John H. Johnston	7"	376.10	376.10	130 sks
Inspector: Gary L. Kennedy	4 1/2"	1,731.32'	1,731.32'	120 sks
Date Permit Issued: 7/05/2011				
Date Well Work Commenced: 11/15/2011				
Date Well Work Completed: 11/18/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,900 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): n/a				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Burford Myers
Signature
Burford Myers, Vice Pres-VA Gas Ops.

5/1/12
Date

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NOV 1 2011
OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No **X**

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

See Exhibit A

COMPANY: CNX GAS CO LLC
 HOLE: MC-134
 RIG: 294
 LOCATION:

DATE STARTED: 11/15/2011
 DATE COMPLETED: 11/18/2011

ELECTRIC LOGGED YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
	0	45.95	45.95 OVERBURDEN
	45.95	60	14.05 SAND/SHALE
	60	61	1 COAL
	61	90	29 SHALE/SAND
	90	120	30 SAND/SHALE
	120	150	30 SAND/SHALE
	150	180	30 SAND/SHALE
	180	210	30 SAND/SHALE
	210	240	30 SAND/SHALE
	240	270	30 SAND/SHALE
	270	300	30 SAND/SHALE
	300	330	30 SAND/SHALE
	330	350	20 SAND/SHALE
	350	351	1 COAL
	351	360	9 SHALE/SAND
	360	390	30 SAND/SHALE
	390	396	6 SAND/SHALE
	396	400	4 SANDY SHALE
	400	430	30 SANDY SHALE/SAND
	430	460	30 SANDY SHALE/COAL/SAND (COAL @455-456)
	460	490	30 SAND/SANDY SHALE
	490	520	30 SANDY SHALE/SAND
	520	550	30 SANDY SHALE/COAL/SANDY SHALE (COAL @525-527 & 530-531)
	550	580	30 SANDY SHALE/SAND
	580	610	30 SANDY SHALE/COAL/SAND (COAL @595-598 & 599-600)
	610	640	30 SAND/SANDY SHALE/COAL (COAL @630-632)
	640	670	30 SAND/SHALE
	670	685	15 SAND/SHALE
	685	686	1 COAL
	686	700	14 SHALE/SAND
	700	730	30 SAND/SHALE
	730	760	30 SAND/SHALE
	760	770	10 SHALE
	770	771	1 COAL
	771	790	19 SHALE/SAND
	790	820	30 SAND/SHALE
	820	850	30 SAND/SHALE
	850	860	10 SHALE
	860	861	1 COAL
	861	880	19 SHALE/SAND
	880	910	30 SAND/SHALE

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 11/22/2011
 WVS
 ENVIRONMENTAL

910	935	25 SAND/SHALE
935	936	1 COAL
936	940	4 SHALE
940	945	5 SHALE
945	946	1 COAL
946	970	24 SHALE/SAND
970	985	15 SAND/SHALE
985	986	1 COAL
986	1000	14 SHALE/SAND
1000	1030	30 SAND/SHALE
1030	1060	30 SAND/SHALE
1060	1065	5 SHALE
1065	1066	1 COAL
1066	1090	24 SHALE/SAND/SHALE
1090	1091	1 COAL
1091	1120	29 SHALE/SAND
1120	1135	15 SAND/SHALE
1135	1136	1 COAL
1136	1150	14 SHALE/SAND
1150	1180	30 SAND/SHALE
1180	1210	30 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1255	15 SAND/SHALE
1255	1256	1 COAL
1256	1270	14 SAND/SHALE
1270	1297	27 SAND/SHALE
1297	1299	2 COAL
1299	1300	1 SAND/SHALE
1300	1330	30 SAND/SHALE
1330	1335	5 SAND/SHALE
1335	1337	2 COAL
1337	1360	23 SAND/SHALE
1360	1375	15 SAND/SHALE
1375	1377	2 COAL
1377	1390	13 SAND/SHALE
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1483	3 SAND/SHALE
1483	1485	2 COAL POCA 3
1485	1510	25 SAND/SHALE
1510	1537	27 SAND/SHALE
1537	1538	1 SAND/COAL
1538	1540	2 SAND/SHALE
1540	1560	20 SAND/SHALE
1560	1561	1 COAL
1561	1570	9 SAND/SHALE
1570	1600	30 SAND/SHALE
1600	1620	20 SAND/SHALE
1620	1621	1 COAL
1621	1630	9 SAND/SHALE
1630	1660	30 SAND/SHALE
1660	1685	25 SAND/SHALE
1685	1687	2 COAL
1687	1690	3 SAND/SHALE

1690	1720	30 SAND/SHALE
1720	1750	30 SAND/SHALE
1750	1780	30 SAND/SHALE
1780	1810	30 SAND/SHALE
1810	1840	30 SAND/SHALE
1840	1870	30 SAND/SHALE
1870	1890	20 SAND/SHALE
1890	1900	10 RED SHALE

1900

1900 FT TOTAL DEPTH
45.95 FT OF 13 3/8 CASING
376.1 FT OF 7 CASING
1731.32 FT OF 4 1/2 CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702819

Farm name: Berwind Land Company Operator Well No.: CBM-MC136

LOCATION: Elevation: 2,335.91' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 7.940 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 3.280 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	19'	19'	n/a
Agent: John H. Johnston	7"	339.55'	339.55'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,830.16'	1,830.16'	120 sks
Date Permit Issued: 7/01/2011				
Date Well Work Commenced: 11/09/2011				
Date Well Work Completed: 11/14/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 2,020 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): n/a				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

B. Myers
Signature
Burford Myers, Vice Pres-VA Gas Ops.

5/1/12
Date

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MAY 3 2012
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Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

[illegible]

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

See Exhibit A

COMPANY: CNX GAS CO LLC
 HOLE: MC-136
 RIG: 294
 LOCATION: BERWIND LAKE RD, VA

DATE STARTED: 11/9/2011
 DATE COMPLETED: 11/14/2011

ELECTRIC LOGGED YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0	19.55	19.55	OVERBURDEN
19.55	30	10.45	SAND/SHALE
30	45	15	SAND/SHALE
45	46	1	COAL
46	60	14	SHALE/SAND
60	90	30	SAND/SHALE
90	100	10	SHALE
100	101	1	COAL
101	120	19	SHALE/SAND
120	145	25	SAND/SHALE
145	146	1	COAL
146	150	4	SHALE
150	180	30	SHALE/SAND
180	210	30	SAND/SHALE
210	240	30	SAND/SHALE
240	270	30	SAND/SHALE
270	295	25	SAND/SHALE
295	296	1	COAL
296	300	4	SHALE
300	330	30	SAND/SHALE
330	360	30	SAND/SHALE
360	370	10	SAND/SHALE
370	400	30	SAND/SHALE
400	430	30	SAND/SHALE
430	445	15	SAND/SHALE
445	446	1	COAL
446	460	14	SHALE/SAND
460	490	30	SAND/SHALE
490	520	30	SAND/SHALE
520	550	30	SAND/SHALE
550	551	1	COAL
551	580	29	SHALE/SAND
580	600	20	SAND/SHALE
600	601	1	COAL
601	610	9	SHALE
610	620	10	SHALE
620	621	1	COAL
621	640	19	SHALE
640	645	5	SHALE
645	646	1	COAL
646	665	19	SHALE/SAND/SHALE
665	666	1	COAL

666	670	4 SHALE
670	700	30 SHALE/SAND/SHALE
700	701	1 COAL
701	730	29 SHALE/SAND/SHALE
730	745	15 SAND/SHALE
745	746	1 COAL
746	760	14 SHALE/SAND
760	790	30 SAND/SHALE
790	805	15 SAND/SHALE
805	806	1 COAL
806	820	14 SHALE/SAND
820	850	30 SAND/SHALE
850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	920	10 SAND/SHALE
920	921	1 COAL
921	940	19 SHALE/SAND
940	970	30 SAND/SHALE
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1045	15 SAND/SHALE
1045	1046	1 COAL
1046	1060	14 SHALE/SAND
1060	1085	25 SAND/SHALE
1085	1086	1 COAL
1086	1090	4 SHALE
1090	1110	20 SAND/SHALE
1110	1111	1 COAL
1111	1120	9 SHALE/SAND
1120	1130	10 SHALE
1130	1131	1 COAL
1131	1150	19 SHALE/SAND/SHALE
1150	1151	1 COAL
1151	1180	29 SHALE/SAND
1180	1210	30 SAND/SHALE
1210	1230	20 SAND/SHALE
1230	1231	1 COAL
1231	1240	9 SHALE/SAND
1240	1270	30 SAND/SHALE
1270	1271	1 COAL
1271	1300	29 SHALE/SAND
1300	1330	30 SAND/SHALE
1330	1360	30 SAND/SHALE
1360	1375	15 SAND/SHALE
1375	1376	1 COAL
1376	1390	14 SHALE/SAND
1390	1420	30 SAND/SHALE
1420	1430	10 SAND/SHALE
1430	1431	1 COAL
1431	1450	19 SHALE/SAND
1450	1475	25 SAND/SHALE
1475	1476	1 COAL
1476	1480	4 SHALE
1480	1510	30 SAND/SHALE
1510	1530	20 SAND/SHALE

1530	1531	1 COAL
1531	1540	9 SAND/SHALE
1540	1570	30 SAND/SHALE
1570	1585	15 SAND/SHALE
1585	1588	3 COAL POCA 3
1588	1600	12 SAND/SHALE
1600	1630	30 SAND/SHALE
1630	1660	30 SAND/SHALE
1660	1690	30 SAND/SHALE
1690	1717	27 SAND/SHALE
1717	1718	1 COAL
1718	1720	2 SAND/SHALE
1720	1750	30 SAND/SHALE
1750	1780	30 SAND/SHALE
1780	1790	10 SAND/SHALE
1790	1791	1 COAL
1791	1800	9 SAND/SHALE
1800	1801	1 COAL
1801	1810	9 SAND/SHALE
1810	1840	30 SAND/SHALE
1840	1870	30 SAND/SHALE
1870	1900	30 SAND/SHALE
1900	1930	30 SAND/SHALE
1930	1960	30 SAND/SHALE
1960	1990	30 SAND/SHALE
1990	2000	10 SAND/SHALE
2000	2020	20 RED SHALE

2020

2020FT TOTAL DEPTH
19.55FT OF 13 3/8 CASING
339.55FT OF 7 CASING
1830.16FT OF 4 1/2 CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702821

Farm name: Berwind Land Company Operator Well No.: CBM-MC138

LOCATION: Elevation: 2,267.18' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 6,810 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 6,505 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	29'	29'	n/a
Agent: John H. Johnston	7"	377.10'	377.10'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,860.48'	1,860.48'	120 sks
Date Permit Issued: 7/18/2011				
Date Well Work Commenced: 12/21/2011				
Date Well Work Completed: 12/28/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,960 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 90 (damp)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)


Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature
Buford Myers, Vice Pres- VA Gas Ops.
Date 5/1/12

COMPANY CNX GAS CO LLC
HOLE MC-138
RIG #: 294
LOCATION: BERWIND LAKE RD, WV

DATE STARTED: 12/21/2011
DATE COMPLETED: 12/28/2011

ELECTRIC LOGGED: YES
GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC.
0	29	29	29 OVERBURDEN
29	30	30	1 SAND/SHALE
30	60	60	30 SAND/SHALE
60	80	80	20 SAND/SHALE
80	81	81	1 COAL
81	90	90	9 SHALE
90	95	95	5 SHALE
95	96	96	1 COAL
96	120	120	24 SHALE/SAND
120	121	121	1 COAL
121	150	150	29 SHALE/SAND
150	180	180	30 SAND/SHALE
180	210	210	30 SAND/SHALE
210	240	240	30 SAND/SHALE
240	270	270	30 SAND/SHALE
270	280	280	10 SAND/SHALE
280	281	281	1 COAL
281	300	300	19 SHALE/SAND
300	330	330	30 SAND/SHALE
330	360	360	30 SAND/SHALE
360	390	390	30 SAND/SHALE
390	400	400	10 SAND/SHALE
400	430	430	30 SAND/SHALE
430	445	445	15 SAND/SHALE
445	446	446	1 COAL
446	460	460	14 SHALE/SAND
460	490	490	30 SAND/SHALE
490	520	520	30 SAND/SHALE
520	535	535	15 SAND/SHALE
535	536	536	1 COAL
536	550	550	14 SHALE/SAND
550	580	580	30 SAND/SHALE
580	581	581	1 COAL
581	605	605	24 SHALE/SAND/SHALE
605	606	606	1 COAL
606	610	610	4 SHALE
610	640	640	30 SHALE/SAND/SHALE
640	641	641	1 COAL
641	670	670	29 SHALE/SAND

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STATE COMMISSIONER

DATE: 12/28/2011

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES

670	700	30 SAND/SHALE
700	725	25 SAND/SHALE
725	726	1 COAL
726	730	4 SHALE
730	760	30 SHALE/SAND
760	785	25 SAND/SHALE
785	786	1 COAL
786	790	4 SHALE
790	820	30 SAND/SHALE
820	850	30 SAND/SHALE
850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	940	30 SAND/SHALE
940	941	1 COAL
941	970	29 SHALE/SAND
970	985	15 SAND/SHALE
985	986	1 COAL
986	1000	14 SAND/SHALE
1000	1025	25 SAND/SHALE
1025	1026	1 COAL
1026	1030	4 SAND/SHALE
1030	1058	28 SAND/SHALE
1058	1060	2 COAL
1060	1090	30 SAND/SHALE
1090	1120	30 SAND/SHALE
1120	1135	15 SAND/SHALE
1135	1136	1 COAL
1136	1150	14 SAND/SHALE
1150	1180	30 SAND/SHALE
1180	1205	25 SAND/SHALE
1205	1206	1 COAL
1206	1210	4 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1270	30 SAND/SHALE
1270	1300	30 SAND/SHALE
1300	1330	30 SAND/SHALE
1330	1337	7 SAND/SHALE
1337	1338	1 COAL
1338	1360	22 SAND/SHALE
1360	1375	15 SAND/SHALE
1375	1376	1 COAL
1376	1390	14 SAND/SHALE
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1510	30 SAND/SHALE
1510	1527	17 SAND/SHALE
1527	1530	3 COAL/POCA-3
1530	1540	10 SAND/SHALE
1540	1570	30 SAND/SHALE
1570	1600	30 SAND/SHALE
1600	1630	30 SAND/SHALE

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Jan 2 2011

at the Department of
Natural Resources

1630	1660	30 SAND/SHALE
1660	1670	10 SAND/SHALE
1670	1671	1 COAL
1671	1690	19 SHALE/SAND
1690	1720	30 SAND/SHALE
1720	1750	30 SAND/SHALE
1750	1751	1 COAL
1751	1780	29 SHALE/SAND
1780	1810	30 SAND/SHALE
1810	1840	30 SAND/SHALE
1840	1870	30 SAND/SHALE/SAND
1870	1900	30 SAND/SHALE/SAND
1900	1930	30 SAND/SHALE
1930	1960	30 RED SHALE

1960' TOTAL DEPTH
29' OF 13 3/8" CASING
377.10' OF 7" CASING
1860.48' OF 4 1/2" CASING

RECEIVED
OFFICE OF OIL & GAS

NAT. P. LAND

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702822

Farm name: Berwind Land Company Operator Well No.: CBM-MC141

LOCATION: Elevation: 2,260.70' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 12,090 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 6,480 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	10'	10'	n/a
Agent: John H. Johnston	7"	380.63'	380.63'	210 sks
Inspector: Gary L. Kennedy	4 1/2"	1,778.60'	1,778.60'	120 sks
Date Permit Issued: 6/17/2011				
Date Well Work Commenced: 8/29/2011				
Date Well Work Completed: 9/01/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,945 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 100 (damp)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

BuFord Signature 5/1/12 Date
BuFord Myers, Vice Pres.-VA Gas ops.

Were cuttings caught during drilling? Yes _____ No X

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

[illegible][illegible]

COMPANY: CNX GAS CO. LLC
HOLE: MC-141
RIG: 90
LOCATION: WARRIOR MINE RD, WV

DATE STARTED: 8/29/2011
DATE COMPLETED: 9/1/2011

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0	10	10	10 OVERBURDEN
10	30	20	SAND/SHALE
30	60	30	SAND/SHALE
60	62	2	COAL
62	90	28	SAND/SHALE
90	120	30	SAND/SHALE
120	150	30	SAND/SHALE
150	180	30	SAND/SHALE
180	210	30	SAND/SHALE
210	240	30	SAND/SHALE
240	270	30	SAND/SHALE
270	300	30	SAND/SHALE
300	320	20	SAND/SHALE
320	322	2	COAL
322	330	8	SAND
330	360	30	SAND/SHALE
360	390	30	SAND/SHALE
390	400	10	SAND
400	415	15	SAND/SHALE
415	417	2	COAL
417	430	13	SAND/SHALE
430	460	30	SAND/SHALE
460	490	30	SAND/SHALE
490	520	30	SAND/SHALE
520	548	28	SAND/SHALE
548	550	2	COAL
550	580	30	SAND/SHALE
580	610	30	SAND/SHALE
610	618	8	SAND
618	620	2	COAL
620	640	20	SAND/SHALE
640	670	30	SAND/SHALE
670	700	30	SAND/SHALE
700	720	20	SAND/SHALE
720	722	2	COAL
722	730	8	SAND
730	760	30	SAND/SHALE
760	790	30	SAND/SHALE
790	820	30	SAND/SHALE
820	850	30	SAND/SHALE

850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	940	30 SAND/SHALE
940	968	28 SAND/SHALE
968	970	2 COAL
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1060	30 SAND/SHALE
1060	1090	30 SAND/SHALE
1090	1118	28 SAND/SHALE
1118	1120	2 COAL
1120	1145	25 SAND/SHALE
1145	1146	1 COAL
1146	1150	4 SAND
1150	1180	30 SAND/SHALE
1180	1210	30 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1270	30 SAND/SHALE
1270	1300	30 SAND/SHALE
1300	1330	30 SAND/SHALE
1330	1360	30 SAND/SHALE
1360	1390	30 SAND/SHALE
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1510	30 SANDY SHALE/SAND
1510	1534	24 SANDY SHALE
1534	1537	3 COAL P3???
1537	1540	3 SANDY SHALE
1540	1570	30 SANDY SHALE/SAND
1570	1600	30 SANDY SHALE/SAND
1600	1630	30 SANDY SHALE
1630	1660	30 SANDY SHALE
1660	1690	30 SAND/SANDY SHALE
1690	1720	30 SAND/SANDY SHALE
1720	1735	15 SANDY SHALE
1735	1737	2 COAL
1737	1750	13 SANDY SHALE/SAND
1750	1780	30 SANDY SHALE/SAND
1780	1810	30 SAND/SANDY SHALE
1810	1840	30 SANDY SHALE/SAND
1840	1870	30 SAND/SANDY SHALE
1870	1900	30 SANDY SHALE/SAND
1900	1930	30 SAND
1930	1945	15 SAND

1945 FT. TOTAL DEPTH

10 FT. 13 3/8" CASING

380 FT. OF 7" CASING

1778.61 FT. OF 4 1/2" CASING

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 5/15/2012
API #: 47-049-02153

Farm name: Consol Energy Operator Well No.: Crim 4H

LOCATION: Elevation: 1,221' Quadrangle: Shinnston 7.5'

District: Lincoln County: Marion
Latitude: 10,460' Feet South of 39 Deg. 30 Min. 00 Sec.
Longitude 2,970' Feet West of 80 Deg. 17 Min. 30 Sec.

Company: XTO Energy, Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>PO Box 1008, Jane Lew, WV 26378</u>	<u>20"</u>	<u>40'</u>	<u>40'</u>	<u>280 sks</u>
Agent: <u>Gary Beall</u>	<u>13 3/8"</u>	<u>615'</u>	<u>615'</u>	<u>525 sks</u>
Inspector: <u>Tristan Jenkins</u>	<u>9 5/8"</u>	<u>2,881'</u>	<u>2,881'</u>	<u>981 sks</u>
Date Permit Issued: <u>2/18/2011</u>	<u>5 1/2"</u>	<u>10,540'</u>	<u>10,540'</u>	<u>1,788 sks</u>
Date Well Work Commenced: <u>9/23/2011</u>				
Date Well Work Completed: <u>11/17/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7,521</u>				
Total Measured Depth (ft): <u>10,544</u>				
Fresh Water Depth (ft.): <u>1440'</u>				
Salt Water Depth (ft.): <u>None Noted</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>None Noted</u>				
Void(s) encountered (N/Y) Depth(s) <u>No</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,520'

Gas: Initial open flow Show MCF/d Oil: Initial open flow ----- Bbl/d

Final open flow Show MCF/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ----- Hours

Static rock Pressure ----- psig (surface pressure) after ----- Hours

Second producing formation ----- Pay zone depth (ft) -----


Gas: Initial open flow ----- MCF/d Oil: Initial open flow ----- Bbl/d

Final open flow ----- MCF/d Final open flow ----- Bbl/d

Time of open flow between initial and final tests ----- Hours

Static rock Pressure ----- psig (surface pressure) after ----- Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

6-4-12
Date

Were core samples taken? Yes No ☒ Were cuttings caught during drilling? Yes ☒ No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list
Gradient, Rate of Penetration, VS, TVD, MWD, Mudlogs

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Stg 1 Marcellus; 10,337'-10,467'; 72 shots; Slick water frac; Avg treating 7185 psi@71 bpm; 57,967#s 100 mesh; 170,351#s 30/50 mesh; 5,711 bbl water, 407 bbl treated water

Stg 2 Marcellus; 10,172'-10,302'; 72 shots; Slick water frac; Avg treating 7185 psi@69 bpm; 58#s 100 mesh; 168,284#s 30/50 mesh; 5,620 bbl water, 216 bbl treated water

Stg 3 Marcellus; 10,007'-10,137'; 72 shots; Slick water frac; Avg treating 7128 psi@76 bpm; 61,746#s 100 mesh; 169,750#s 30/50 mesh; 5,166 bbl water, 561 bbl treated water

Stg 4 Marcellus; 9,342'-9,972'; 72 shots; Slick water frac; Avg treating 7271 psi@80 bpm; 58,752#s 100 mesh; 171,640#s 30/50 mesh; 5,188 bbl water, 570 bbl treated water

Stg 5 Marcellus; 9,677'-9,807'; 72 shots; Slick water frac; Avg treating 7306 psi@82 bpm; 60,480#s 100 mesh; 138,092#s 30/50 mesh; 5,076 bbl water, 432 bbl treated water

Stg 6 Marcellus; 9,512'-9,642'; 72 shots; Slick water frac; Avg treating 7371 psi@80 bpm; 66,962#s 100 mesh; 172,058#s 30/50 mesh; 5,623 bbl water, 486 bbl treated water

Plug Back Details Including Plug Type and Depth(s):

See additional page

Formations Encountered:	Top Depth	Bottom Depth
Surface:		
SH	0 / 150	
SS	150/160	
SS & SH	160/235	
SS	235/285	
SS & SH	285/355	
SH	355/415	
SS	415/420	
SH & SS	420/640	
SH	640/928	
SS & SH	928/1014	
SS	1014/1020	
SH	1020/1045	
LS	1045/1060	
SS & SH	1060/1170	
See additional page		

Crim 4H 47-049-02153

Additional Stages

Stg 7 Marcellus; 9,347'-9,477'; 72 shots; Slick water frac; Avg treating 7170 psi@80 bpm; 60,136#s 100 mesh; 171,604#s 30/50 mesh; 5,324 bbl water, 523 bbl treated water
Stg 8 Marcellus; 9,182'-9,312'; 72 shots; Slick water frac; Avg treating 6933 psi@83 bpm; 60,332#s 100 mesh; 171,816#s 30/50 mesh; 5,345 bbl water, 497 bbl treated water
Stg 9 Marcellus; 9,017'-9,147'; 72 shots; Slick water frac; Avg treating 7239 psi@82 bpm; 52,139#s 100 mesh; 96,377#s 30/50 mesh; 5,644 bbl water, 423 bbl treated water
Stg 10 Marcellus; 8,852'-9,982'; 72 shots; Slick water frac; Avg treating 6826 psi@82 bpm; 56,690#s 100 mesh; 171,073#s 30/50 mesh; 5,184 bbl water, 489 bbl treated water
Stg 11 Marcellus; 8,687'-8,917'; 72 shots; Slick water frac; Avg treating 6891 psi@82 bpm; 61,954#s 100 mesh; 172,215#s 30/50 mesh; 5,181 bbl water, 571 bbl treated water
Stg 12 Marcellus; 8,522'-8,622'; 72 shots; Slick water frac; Avg treating 6871 psi@82 bpm; 78,290#s 100 mesh; 173,408#s 30/50 mesh; 6,101 bbl water, 247 bbl treated water

Additional Formation Log

SS & SH	1170	1225	2" Stream H2O @ 1440"
SS	1225	1250	
SS & SH	1250	1380	
SS	1380	1440	
SH & SS	1440	1565	
SH	1565	2000	
SH & SS	2000	2200	
SH	2200	2400	
SH & SS	2400	2725	
SH	2725	3120	
SH & SLTST	3120	3130	
SH	3130	3160	
SH & SLTST	3160	3250	
SH & SLTST & SS	3250	3310	
SH & SLTST	3310	3340	
SH & SLTST & SS	3340	3370	
SH & SLTST	3370	3430	
SLTST & SH	3430	3460	
SH & SLTST	3460	3640	
SH	3640	3700	
SH & SLTST	3700	3880	
SH	3880	3910	
SH & SLTST	3910	3940	
SH	3940	4000	
SH & SLTST	4000	4330	
SH	4330	4510	
SH & SLTST	4510	4570	
SH	4570	4660	
SH & SLTST & SS	4660	4690	
SH & SLTST	4690	4900	

Crim 4H 47-049-02153

Additional Formation Log

SH	4900	4930
SH & SLTST	4930	5110
SH	5110	5350
SH & SLTST	5350	5440
SH	5440	5470
SH & SLTST	5470	5620
SLTST & SH	5620	5680
SH & SLTST	5680	5980
SH	5980	6550
SH & SLTST	6550	6580
SH	6580	7300
LS & SH	7300	7400
SH & LS	7400	7470
SH	7470	7500
SH,LS	7500	7550
SH	7550	7750
SH & LS	7750	7800
SH	7800	10544

Burkett	7281 MD	7355 MD
	7235 TVD	7295 TVD
Tully	7355 MD	7427 MD
	7295 TVD	7349 TVD
Hamilton	7427 MD	7516 MD
	7349 TVD	7406 TVD
Marcellus	7516 MD	10544 MD
	7406 TVD	7521 TVD

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04-10-2012
API #: 47-097-03762

Farm name: SANDERS MICHAEL L.

Operator Well No.: WILFONG / SANDERS # 3-WV0370

LOCATION: Elevation: 1741

Quadrangle: ROCK CAVE 7.5

District: BANKS

County: UPSHUR

Latitude: 38-50-02.6 Feet South of Deg. Min. Sec.

Longitude 80-20-57.2 Feet West of Deg. Min. Sec.

Company: MOUNTAIN V OIL and GAS

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 470				
Bridgeport WV 26330	13 3/8		40	SAND IN
Agent: Mike Shaver	9 5/8		472	75 SK
Inspector: Bill Hatfield	7 "		1846	230 SK
Date Permit Issued: 08-29-2011	4 1/2 N 80		7062	150 SK
Date Well Work Commenced: 10-26-2011				
Date Well Work Completed: 11-10-2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7070				
Total Measured Depth (ft): 7070				
Fresh Water Depth (ft.): 82'				
Salt Water Depth (ft.): 789				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 210, 395				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation MARCELLUS Pay zone depth (ft) 6962 - 7058

Gas: Initial open flow 500 MCF/d Oil: Initial open flow Bbl/d

Final open flow 460 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 1000 psig (surface pressure) after 24 Hours

Second producing formation Pay zone depth (ft)

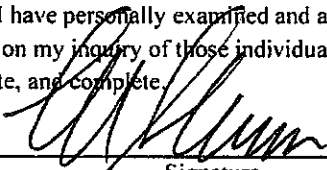
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4-19-12
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list ELECTRICAL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

PERFS 7010 - 7042 96 HOLES

15471 BBL H2O, 16246 SLURRY, 1680 SK 80/100, 4004 40/70

AVG PRESURE 4142 AVG RATE 75

ISIP 1708

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

GROUND EL	1741	
Big Injun	1282 - 1418	
INJUN	1418 - 1499	
BENSON	3774 - 3799	
ALEXANDER	3882 - 4148	
ELK	5124 - 5148	
GENESEO	6820 6860	RECEIVED Office of Oil & Gas
TULLY	6860- 6890	
HAMILTON SHALE	6890 - 6962	MAY 07 2012
UPPER MARCELLUS	6962 - 7006	
PURCELL	7006 - 7008	NY STATE DEPT. OF Environmental Protection
LOWER MARCELLUS	7008- 7058	
ONONDAGA	7058 - 7070	

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04/12/2012
API #: 47-097-03780

Farm name: LANDIS, MARTHA (LIFE ESTATE) Operator Well No.: GOWER 1-WV0416

LOCATION: Elevation: 1629 Quadrangle: ADRIAN 7.5

District: MEADE County: UPSHUR
Latitude: 38-53-44.7 Feet South of Deg. Min. Sec.
Longitude: 80-15-23.7 Feet West of Deg. Min. Sec.

Company: MOUNTAIN V OIL and GAS

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 470				
Bridgeport WV 26330	13 3/8		42'	SAND IN
Agent: Mike Shaver	9 5/8		210	75 SK
Inspector: Bill Hatfield	7 "		1826	275 SK
Date Permit Issued: 03-01-2011	4 1/2 N 80		7160	150 SK
Date Well Work Commenced: 11-13-2011				
Date Well Work Completed: 12-03-2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7170				
Total Measured Depth (ft): 7170				
Fresh Water Depth (ft.): 90				
Salt Water Depth (ft.): 1340				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 210				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation MARCELLUS Pay zone depth (ft) 7034 - 7140

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow 500 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 2600 psig (surface pressure) after 24 Hours

Second producing formation Pay zone depth (ft)

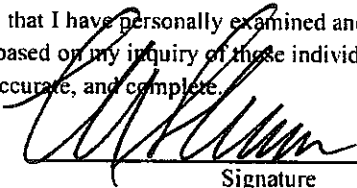
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4-15-12
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list ELECTRICAL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

PERFS 7091 - 7094 12 HOLES, 7102 - 7112 40 HOLES, 7118 - 7130 48 HOLES

SLICK WATER FRACK 16215 BBL H2O, 16554 BBL SLURRY 1830 SK 80/100, 4028 SK 40/70,
AVG PRESURE 5326 AVG RATE 73.5 ISIP 2646

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

GROUND EL	1700
GREENBRIER BIG LIME	1445 - 1715
INJUN	1445 - 2227
GORDON	2227 - 2357
5 TH SAND	2397 - 2467
3 RD RILEY	3637 - 3678
BENSON	4022 - 4081
GENESEO SHALE	6879 - 6914
TULLY LS	6914 - 6957
HAMILTON SHALE	6957 - 7033
UPPER MARCELLUS	7033 - 7073
PURCELL LS	7073 - 7076
LOWER MARCELLUS	7076 - 7139
ONONDAGA	7139 - 7150

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NY Department of
Environmental Protection

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04-13-2012
API #: 4-097-03782

Farm name: GOULD, CLETE, JR. Operator Well No.: CLETE GOULD 7H-WV0419

LOCATION: Elevation: 1591 Quadrangle: Adrian, 7.5

District: MEADE County: UPSHUR
Latitude: 38 02 644 N Feet South of Deg. Min. Sec.
Longitude 80 29 666 W Feet West of Deg. Min. Sec.

Company: Mountain V Oil and Gas

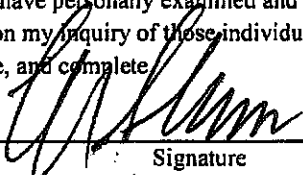
Address: P.O. Box 470	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Bridgeport WV 26330	20"		42'	SAND IN
Agent: Mike Shaver	13 3/8		337	258 SK
Inspector: Bill Hatfield	8 5/8		4343	1275 SK
Date Permit Issued: 03-22-2011	5 1/5		10,307	780 SK
Date Well Work Commenced: 09-16-2011				
Date Well Work Completed: 01-02-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7516				
Total Measured Depth (ft): 10,329				
Fresh Water Depth (ft.): 55				
Salt Water Depth (ft.): 1468				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 298 - 303				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation MARCELLUS Pay zone depth (ft) _____
Gas: Initial open flow 1750 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 2000 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2150 psig (surface pressure) after 96 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4-19-12
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GEOPHYSICAL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

SEE ATTACHED SHEET

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Plug Back Details Including Plug Type and Depth(s):

6 1/4 HOLE 7545 - 5845 CEMENT KICK PLUG

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

GROUND EL	1591		
GREENBRIER BIG LIME	1360 - 1586	BENSON	4024 - 4100
BIG INJUN	1586 - 1642	ALEXANDER	4226 - 4503
SQUAW	1642 - 1724	ELK	4503 - 6560
WEIR	1724 - 1813	HAVERTY	6560 - 7030
BEREA / GTZ	1813 - 1886	GENESEE SHALE	7228 - 7268
50 FT	1886 - 1954	TULLY	7268 - 7300
30 FT	1954 - 2001	HAMILTON SHALE	7300 - 7398
Gordon	2062 - 2170	UPPER MARCELLUS	7398 - 7448
4th SS	2170 - 2243	PURCELL LS	7448 - 7452
5th SS	2243 - 2352	LOWER MARCELLUS	7452 - 7504
Warren	2352 - 2460	ONONDAGA	7504 - 7516
Speechley	2460 - 2630		
Balltown	2630 - 2898		

MOUNTAIN V OIL and GAS CLETE GOULD 7H WV0419
47-097-03782

STAGE # 1 PERFS 10252 – 10250 12 HOLES, 10183 – 10181 12 HOLES,
10114 – 10112 12 HOLES, 10045 – 10043 12 HOLES, 9975 – 9973 12 HOLES

SLICK WATER FRAC AVG PSI 6485, AVG RATE 83.4 BPM, ISIP 4249,
H2O 7301, SLURRY 7582, 80/100 234 SK, 40 / 70 1987 SK

STAGE # 2 PERFS 9903 – 9901 12 HOLES, 9834 – 9832 12 HOLES, 9765 – 9763
12 HOLES, 9696 – 9694 12 HOLES, 9626 – 9624 12 HOLES

SLICK WATER FRAC AVG PSI 6789, AVG RATE 78.9 BPM, ISIP 4535
H2O 7403, SLURRY 7691, 80/100 251 SK, 40 / 70 2054 SK

STAGE # 3 PERFS 9454 – 9452 12 HOLES, 9485 – 9483 12 HOLES, 9416 – 9414,
9347 – 9345 12 HOLES, 9277 – 9275 12 HOLES

SLICK WATER FRAC AVG PSI 6802, AVG RATE 78.7 BPM, ISIP 5058,
H2O 7346, SLURRY 7662, 80/100 250 SK, 40 / 70 2003 SK

STAGE # 4 PERFS 9205 – 9203 12 HOLES, 9136 – 9134 12 HOLES 9067 – 9065
12 HOLES 8998 – 8996 12 HOLES 8928 – 8926 12 HOLES

SLICK WATER FRAC AVG PSI 7097, AVG RATE 80.7 BPM, ISIP 4774,
H2O 7257, SLURRY 7533, 80/100 229 SK, 40 / 70 2002 SK

STAGE # 5 PERFS 8856 – 8854 12 HOLES 8787 – 8785 12 HOLES 8718 – 8716
12 HOLES 8649 – 8647 12 HOLES 8579 – 8577 12 HOLES

SLICK WATER FRAC AVG PSI 7088, AVG RATE 78.2 BPM, ISIP 4696
H2O 7101, SLURRY 7375, 80/100 229 SK, 40 / 70 2002 SK

STAGE # 6 PERFS 8507 – 8505 12 HOLES, 8438 – 8436 12 HOLES' 8369 – 8367
12 HOLES, 8300 – 8298 12 HOLES, 8230 – 8228 12 HOLES

SLICK WATER FRAC AVG PSI 6780, AVG RATE 83.12 BPM, ISIP 5206
H2O 7316, SLURRY 7631, 80/100 250 SK, 40 / 70 2004 SK

STAGE # 7 PERFS 8158 – 8156 12 HOLES 8089 – 8087 12 HOLES 8020 – 8018
12 HOLES 7951 – 7949 12 HOLES 7881 – 7879 12 HOLES

SLICK WATER FRAC AVG PSI 6892, AVG RATE 82.1 BPM, ISIP 4381
H2O 7320, SLURRY 7616, 80/100 250 SK, 40 / 70 2033 SK

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STAGE # 8 PERFS 7809 – 7807 12 HOLES, 7740 – 7738 12 HOLES, 7671 – 7669
12 HOLES, 7602 – 7600 12 HOLES, 7532 – 7530 12 HOLES

SLICK WATER FRAC AVG PSI 6576, AVG RATE 83.2 BPM, ISIP 4760
H2O 7371, SLURRY 7654, 80/100 250 SK, 40 / 70 2047 SK

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WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04-10-2012
API #: 47-097-03810

Farm name: Fidler, John & Lois - REVOCA

Operator Well No.: Maxine Fidler # 5-WV0429

LOCATION: Elevation: 1882

Quadrangle: ROCK CAVE 7.5

District: BANKS

County: W. Ashland

Latitude: 38-79-688

Feet South of

Deg.

Min.

Sec.

Longitude: 80-34432

Feet West of

Deg.

Min.

Sec.

Company: MOUNTAIN V OIL and GAS

Address: P.O. Box 470 Bridgeport WV 26330	Casing & Tubing 13 3/8	Used in drilling	Left in well 40	Cement fill up Cu. Ft. SAND IN
Agent: Mike Shaver	9 5/8		472	160 SK
Inspector: Bill Hatfield	7 "		1846	250 SK
Date Permit Issued: 08-23-2011	4 1/2 N 80		7080	150 SK
Date Well Work Commenced: 10-23-2011				
Date Well Work Completed: 11-10-2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7088				
Total Measured Depth (ft): 7088				
Fresh Water Depth (ft.): 82'				
Salt Water Depth (ft.): 789				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 210, 395				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation MARCELLUS Pay zone depth (ft) 6986 - 7075

Gas: Initial open flow 500 MCF/d Oil: Initial open flow Bbl/d

Final open flow 460,000 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 1000 psig (surface pressure) after 24 Hours

Second producing formation Pay zone depth (ft)

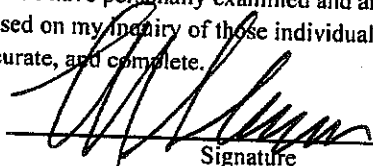
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4-19-12
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list ELECTRICAL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

PERFS 7038 - 7060 88 HOLES

13954 BBL H2O, 14861 SLURRY, 1815 SK 80/100, 4043 40/70

AVG PRESURE 4185 AVG RATE 75.2

ISIP 1657

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

GROUND EL	1882	RECEIVED Office of Oil & Gas
Big Injun	1453 - 1589	
INJUN	1589 - 1670	MAY 07 2012
BENSON	3945 - 3970	
ALEXANDER	4053 - 4319	WV Department of Environmental Protection
ELK	5295 - 5319	
GENESEO	6850 - 6890	
TULLY	6890 - 6920	
HAMILTON SHALE	6920 - 6986	
UPPER MARCELLUS	6986 - 7026	
PURCELL	7026 - 7029	
LOWER MARCELLUS	7029 - 7078	
ONONDAGA	7078 - 7088	

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State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 04-10-2012
API #: 47-097-03835

Farm name: MLOM, LLC Operator Well No.: MLOM 1 WV0433

LOCATION: Elevation: 1985 Quadrangle: ALTON 7.5

District: MEADE County: UPSHUR
Latitude: 38-50-28.3 Feet South of Deg. Min. Sec.
Longitude: 80-13-45.4 Feet West of Deg. Min. Sec.

Company: MOUNTAIN V OIL and GAS

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 470				
Bridgeport WV 26330	13 3/8		42'	SAND IN
Agent: Mike Shaver	9 5/8		168	75 SK
Inspector: Bill Hatfield	7 "		1695	230 SK
Date Permit Issued: 01-09-2012	4 1/2 N 80		7320	150 SK
Date Well Work Commenced: 01-16-2012				
Date Well Work Completed: 02-04-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7330				
Total Measured Depth (ft): 7330				
Fresh Water Depth (ft.): 80' 143				
Salt Water Depth (ft.): 1165,				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.): 110				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation MARCELLUS Pay zone depth (ft) 6986 - 7075

Gas: Initial open flow 500 MCF/d Oil: Initial open flow Bbl/d

Final open flow 460 MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 1642 psig (surface pressure) after 24 Hours

Second producing formation Pay zone depth (ft)

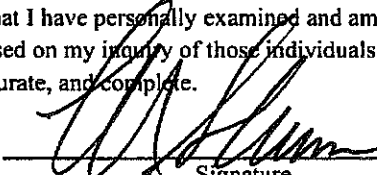
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4-19-12
Date

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list ELECTRICAL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

SLICK WATER FRACK H2O 15873 SLURRY 16919, 80/100 1819 SK, 40/70 3718 SK,
Avg Psi 5259 Avg Rate 68.7 BPM , ISIP 2111

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PERFS 7302 - 7297 20 HOLES

Office of Oil & Gas

7294 - 7286 32 HOLES

MAY 07 2012

7270 - 7262 32 HOLES

Plug Back Details Including Plug Type and Depth(s):

WV Department of
Environmental Protection

Formations Encountered:

Top Depth

Bottom Depth

Surface:

GROUND EL	1985		PURCELL Ls 7240 - 7244
BIG LIME	1350	1540	LOWER MARCELLUS 7244 - 7313
INJUN	1540	2050	ONONDAGA 7315 - 7323
4 TH SAND	2050	2140	TD 7330
5 TH SAND	2140	2165	
RILEY 1	2830	3050	
RILEY 2	3050	3500	
RILEY 3	3500	3840	
BENSON	3840	3860	
ELK 6	5270	5283	
HAVERTY	6520	6538	
GENESEO	7050	7086	
TULLY Ls	7086	7120	
HAMILTON	7120	7204	
UPPER MARCELLUS	7204	7240	

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Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: April 16, 2012
API #: 47-103-02582

REVISED FOR
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit B #1H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel
Latitude: 14,220 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 9,980 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address: 6000 Hampton Center, Suite B Morgantown, WV 26505	Casing & Tubing 20"	Used in drilling 43'	Left in well 43'	Cement fill up Cu. Ft. GTS
Agent: Tim McGregor	13.375"	1,155'	1,155'	1,038 - CTS
Inspector: Derek Haught	9.625"	2,514'	2,514'	1,046 - CTS
Date Permit Issued: 9/24/2010	5.5"		11,077'	2,636
Date Well Work Commenced: 11/29/2010	2.375"		7,007'	
Date Well Work Completed: 10/28/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,709				
Total Measured Depth (ft): 11,088				
Fresh Water Depth (ft.): 113				
Salt Water Depth (ft.): 1,791				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,043' to 10,992'

Gas: Initial open flow 2,000 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 2,860 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 36 Hours

Static rock Pressure 2,700 psig (surface pressure) after 9 Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4/24/2012
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 12 intervals from 10992' to 7043'. Performed 12 individual stages of slick water stimulation using 4,279,086 gals (92.523%) fresh water, 27669 gals (0.647%) 15% HCl, 168827 gals (3.945%) 10 lb Guar Gel, 114009 gals (2.664%) 20 lb Guar Gel 60 gals (0.001%) Corrosion Inhibitor, 974 gals (0.023%) Bio-Cide, 2731 (0.064%) Friction Reducer, 366 gals (0.009%) Scale Inhibitor, 2634 gals (0.062%) Surfactant, 671 lbs (0.002%) Gel, 11602 lbs (0.033%) Polymer Gel, 166 lbs (0.001%) Iron Stabilizer 982 gal (0.0229%) Clay Stabilizer, 148 gals (0.004%) Friction Reduce, 42 gals (0.001%) Borate Crosslinker, 531700 lbs 80/100 Sand and 3560480 lbs 40/70 Sand. AvBDP = 5892 psi, AvTP = 6538 psi, AvMTP = 9001 psi, AvSIP = 4608, AvRate = 80.87 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
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Surface:

See attached sheet for formations encountered and their depths.

Nice et al Unit B #1H
 API 47-103-02582
 Stone Energy Corporation

	Horizontal				
	Top	Top	(ft	Bottom (ft	Bottom (ft
	(ft TVD)	MD)		TVD)	MD)
Sandstone & Shale	Surface		*	1022	
Pittsburgh Coal	1022		*	1027	
Sandstone & Shale	1027		*	1992	
Little Lime	1992		*	2034	
Sandstone & Shale	2034		*	2097	
Big Lime	2097		*	2291	
Big Injun	2291		*	2334	
Sandstone & Shale	2334		*	2701	
Berea sandstone	2701		*	2714	
Shale	2714		*	2947	
Gordon	2947		*	2995	
Undiff Devonian Shale	2995		*	5950	5956
Rhinestreet	5950	5956	~	6302	6338
Cashaqua	6302	6338	~	6412	6485
Middlesex	6412	6485	~	6430	6512
West River	6430	6512	~	6498	6630
Geneseo	6498	6630	~	6518	6670
Tully limestone	6518	6670	~	6553	6755
Hamilton	6553	6755	~	6578	6835
Marcellus	6578	6835	~	6709	11088
TD	6709	11088			

* From Pilot Hole Log

~ From MWD Gamma Log

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: April 13, 2012
API #: 47-103-02600

REVISED FOR
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit A #2H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel
Latitude: 14,200 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 9,910 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	40'	40'	GTS
Agent: Tim McGregor	13.375"	1,164'	1,164'	1,061 - CTS
Inspector: Derek Haught	9.625"	2,494'	2,494'	1,078 - CTS
Date Permit Issued: 11/17/2010 & 3/8/2011	5.5"		13,208'	3,120
Date Well Work Commenced: 12/17/2010	2.375"		7,059'	
Date Well Work Completed: 11/11/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,548				
Total Measured Depth (ft): 13,232				
Fresh Water Depth (ft.): 114				
Salt Water Depth (ft.): 1,786				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,195' to 13,095'

Gas: Initial open flow 1,100 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 3,390 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 274 Hours

Static rock Pressure 2,100 psig (surface pressure) after 63 Hours

Second producing formation Pay zone depth (ft)

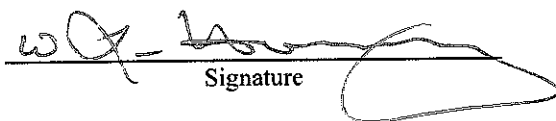
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4/24/2012
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 18 intervals from 13095' to 7195'. Performed 18 individual stages of slick water stimulation using 6,685,812 gals (79.8946%) fresh water, 37313 gals (0.5581%) 15% HCl, 260884 gals (3.9021%) 10 lb Guar Gel, 1030982 gals (15.4204%) 20 lb Guar Gel, 86 gals (0.0013%) Corrosion Inhibitor, 1463 gals (0.0219%) Bio-Cide, 4662 gals (0.0697%) Friction Reducer, 503 gals (0.0075%) Scale Inhibitor, 4345 gals (0.0650%) Surfactant, 1173 lbs (0.0020%) Gel, 19385 lbs (0.0348%) Polymer Gel, Polymer Gel, 260 lbs (0.0005%) Iron Stabilizer, 1470 gal (0.0220%) Clay Stabilizer, 762440 lbs 80/100 Sand, 5388460 lbs 40/70 Sand. AvBDP = 5769 psi, AvTP = 6658 psi, AvMTP = 9198 psi, AvISIP = 4591, AvRate = 83.96 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

See attached sheet for formations encountered and their depths.

Nice et al Unit A #2H
 API 47-103-02600
 Stone Energy Corporation

	Horizontal			Bottom (ft	
	Top	Top	(ft	TVD)	Bottom (ft
	(ft TVD)	MD)			MD)
Sandstone & Shale	Surface		*	1022	
Pittsburgh Coal	1022		*	1027	
Sandstone & Shale	1027		*	1992	
Little Lime	1992		*	2034	
Sandstone & Shale	2034		*	2097	
Big Lime	2097		*	2291	
Big Injun	2291		*	2334	
Sandstone & Shale	2334		*	2701	
Berea sandstone	2701		*	2714	
Shale	2714		*	2947	
Gordon	2947		*	2995	
Undiff Devonian Shale	2995		*	5942	5950
Rhinestreet	5942	5950	~	6303	6390
Cashaqua	6303	6390	~	6395	6570
Middlesex	6395	6570	~	6413	6608
West River	6413	6608	~	6474	6750
Geneseo	8474	6750	~	6497	6810
Tully limestone	6497	6810	~	6527	6894
Hamilton	6527	6894	~	6549	6970
Marcellus	6549	6970	~	6548	13232
TD	6548	13232			

* From Pilot Hole Log

~ From MWD Gamma Log

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: April 16, 2012
API #: 47-103-02601

REVISED FOR
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit A #3H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel
Latitude: 14,200 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 9,870 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address: 6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Morgantown, WV 26505	20"	40'	40'	GTS
Agent: Tim McGregor	13.375"	1,151'	1,151'	1,071 - CTS
Inspector: Derek Haught	9.625"	2,245'	2,245'	1,144 - CTS
Date Permit Issued: 11/17/2010	5.5"		11,582'	3,150
Date Well Work Commenced: 01/01/2011	2.375"		7,236'	
Date Well Work Completed: 11/22/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,568				
Total Measured Depth (ft): 11,611				
Fresh Water Depth (ft.): 113				
Salt Water Depth (ft.): 1,787				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,254' to 11,469'

Gas: Initial open flow 1,500 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 2,980 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 199 Hours

Static rock Pressure 2,375 psig (surface pressure) after 18 Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4/24/2012
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 10 intervals from 11469' to 7254'. Performed 10 individual stages of slick water stimulation using 4,566,954 gals (77.5329%) fresh water, 25788 gals (0.5647%) 15% HCl, 287834 gals (6.30251%) 10 lb Guar Gel, 701988 gals (15.3710%) 20 lb Guar Gel, 52 gals (0.0011%) Corrosion Inhibitor, 1020 gals (0.0223%) Bio-Cide, 3135 (0.0686%) Friction Reducer, 363 gals (0.0079%) Scale Inhibitor, 3197 gals (0.0700%) Surfactant, 1641 lbs (0.0043%) Gel, 12438 lbs (0.0327%) Polymer Gel, 177 lbs (0.0005%) Iron Stabilizer, 975 gal (0.0213%) Clay Stabilizer, 516000 lbs 80/100 Sand, 3541178 lbs 40/70 Sand

AvBDP = 6048 psi, AvTP = 7038 psi, AvMTP = 9273 psi, AvSIP = 4505, AvRate = 80.43 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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See attached sheet for formations encountered and their depths.

Nice et al Unit A #3H
 API 47-103-02601
 Stone Energy Corporation

	Horizontal			
	Top	Top	(ft	Bottom (ft
	(ft TVD)	MD)		Bottom (ft
				MD)
Sandstone & Shale	Surface		*	1022
Pittsburgh Coal	1022		*	1027
Sandstone & Shale	1027		*	1992
Little Lime	1992		*	2034
Sandstone & Shale	2034		*	2097
Big Lime	2097		*	2291
Big Injun	2291		*	2334
Sandstone & Shale	2334		*	2701
Berea sandstone	2701		*	2714
Shale	2714		*	2947
Gordon	2947		*	2995
Undiff Devonian Shale	2995		*	5935
Rhinestreet	5935	5945	~	6293
Cashaqua	6293	6350	~	6407
Middlesex	6407	6522	~	6424
West River	6424	6554	~	6487
Geneseo	6487	6706	~	6511
Tully limestone	6511	6804	~	6544
Hamilton	6544	7026	~	6567
Marcellus	6567	7155	~	6568
TD	6568	11611		

* From Pilot Hole Log

~ From MWD Gamma Log

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: April 23, 2012
API #: 47-103-02602

REVISED FOR
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit B #2H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel
Latitude: 14.220 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 9.910 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
6000 Hampton Center, Suite B Morgantown, WV 26505	20"	43'	43'	GTS
Agent: Tim McGregor	13.375"	1,125'	1,125'	1,158 - CTS
Inspector: Derek Haught	9.625"	2,514'	2,514'	1,148 - CTS
Date Permit Issued: 11/17/2010	5.5"		12,152'	2,879
Date Well Work Commenced: 1/30/2011	2.375"		7,309'	
Date Well Work Completed: 9/1/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,697				
Total Measured Depth (ft): 12,153				
Fresh Water Depth (ft.): 111				
Salt Water Depth (ft.): 1,803				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,022				
Void(s) encountered (N/Y) Depth(s) N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,328' to 12,051'

Gas: Initial open flow 400 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 870 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 41 Hours

Static rock Pressure 3,100 psig (surface pressure) after 1,440 Hours

Second producing formation Pay zone depth (ft)

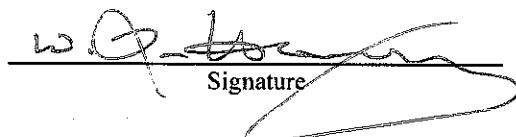
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4/24/2012
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 14 intervals from 12051' to 7328'. Performed 14 individual stages of slick water stimulation using 5,122,908 gals (91.079%) fresh water, 29174 gals (0.570%) 15% HCl, 349564 gals (6.824%) 10 lb Guar Gel, 67277 gals (1.313%) 20 lb Guar Gel 70 gals (0.001%) Corrosion Inhibitor, 1139 gals (0.022%) Bio-Cide, 2813 (0.055%) Friction Reducer, 421 gals (0.008%) Scale Inhibitor, 3067 gals (0.060%) Surfactant, 775 lbs (0.002%) Gel, 13620 lbs (0.032%) Polymer Gel, 204 lbs (0.001%) Iron Stabilizer, 1131 gal (0.022%) Clay Stabilizer, 629 gals (0.012%) Friction Reduce, 642020 lbs 80/100 Sand and 4153080 lbs 40/70 Sand. AvBDP = 6048 psi, AvTP = 6810 psi, AvMTP = 9173 psi, AvSIP = 4576, AvRate = 82.91 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	Bottom Depth
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See attached sheet for formations encountered and their depths.

Nice et al Unit B #2H
API 47-103-02602
Stone Energy Corporation

	Horizontal			Bottom (ft	
	Top	Top	(ft	TVD)	MD)
	(ft TVD)	MD)			
Sandstone & Shale	Surface		*	1022	
Pittsburgh Coal	1022		*	1027	
Sandstone & Shale	1027		*	1992	
Little Lime	1992		*	2034	
Sandstone & Shale	2034		*	2097	
Big Lime	2097		*	2291	
Big Injun	2291		*	2334	
Sandstone & Shale	2334		*	2701	
Berea sandstone	2701		*	2714	
Shale	2714		*	2947	
Gordon	2947		*	2995	
Undiff Devonian Shale	2995		*	5887	5900
Rhinestreet	5887	5900	~	6273	6360
Cashaqua	6273	6360	~	6401	6568
Middlesex	6401	6568	~	6417	6600
West River	6417	6600	~	6485	6770
Geneseo	6485	6770	~	6505	6835
Tully limestone	6505	6835	~	6539	6975
Hamilton	6539	6975	~	6562	7091
Marcellus	6562	7091	~	6697	12153
TD	6697	12153			

* From Pilot Hole Log

~ From MWD Gamma Log

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: April 23, 2012
API #: 47-103-02603

REVISED FOR
COMPLETION

Farm name: Nice, John E. et al Operator Well No.: Nice Unit B #3H

LOCATION: Elevation: 1,344' Quadrangle: New Martinsville

District: Magnolia County: Wetzel
Latitude: 14,210 Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude: 9,870 Feet West of 80 Deg. 47 Min. 30 Sec.

Company: Stone Energy Corporation

Address:	6000 Hampton Center, Suite B	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	Morgantown, WV 26505	20"	43'	43'	GTS
Agent:	Tim McGregor	13.375"	1,147'	1,147'	1,062 - CTS
Inspector:	Derek Haught	9.625"	2,544'	2,544'	1,229 - CTS
Date Permit Issued:	11/17/2010	5.5"		11,700'	2,700
Date Well Work Commenced:	1/15/2011	2.375"		7,330'	
Date Well Work Completed:	12/1/2011				
Verbal Plugging:					
Date Permission granted on:					
Rotary <input checked="" type="checkbox"/>	Cable <input type="checkbox"/>	Rig <input type="checkbox"/>			
Total Vertical Depth (ft):	6,728				
Total Measured Depth (ft):	11,700				
Fresh Water Depth (ft.):	113				
Salt Water Depth (ft.):	1,785				
Is coal being mined in area (N/Y)?	No				
Coal Depths (ft.):	1,022				
Void(s) encountered (N/Y) Depth(s)	N/A				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,337' to 11,623'
Gas: Initial open flow 800 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 4,230 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 131 Hours
Static rock Pressure 2,400 psig (surface pressure) after 36 Hours

Second producing formation Pay zone depth (ft)
Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d
Final open flow MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests Hours
Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

4/24/2012
Date

Were core samples taken? Yes _____ No X Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD Gamma Ray, Mud Log, and CBL

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Perforated 12 intervals from 11623' to 7337'. Performed 14 individual stages of slick water stimulation using 4,440,634 gals (88.935%) fresh water, 31174 gals (0.708%) 15% HCl, 147360 gals (6.789%) 10 lb Guar Gel, 298767 gals (6.789%) 20 lb Guar Gel, 80 gals (0.002%) Corrosion Inhibitor, 1012 gals (0.023%) Bio-Cide, 2573 (0.059%) Friction Reducer, 375 gals (0.009%) Scale Inhibitor, 2811 gals (0.064%) Surfactant, 745 lbs (0.020%) Gel, 11604 lbs (0.032%) Polymer Gel, 221 lbs (0.001%) Iron Stabilizer, 960 gal (0.022%) Clay Stabilizer, 297 gals (0.007%) Friction Reduce, 553320 lbs 80/100 Sand and 3378080 lbs 40/70 Sand. AvBDP = 6052 psi, AvTP = 6836 psi, AvMTP = 9196 psi, AvISIP = 4803, AvRate = 80.33 bpm.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:	Top Depth	/	Bottom Depth
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See attached sheet for formations encountered and their depths.

Nice et al Unit B #3H
 API 47-103-02603
 Stone Energy Corporation

	Horizontal			
	Top	Top	(ft	Bottom (ft Bottom (ft
	(ft TVD)	MD)		TVD) MD)
Sandstone & Shale	Surface		*	1022
Pittsburgh Coal	1022		*	1027
Sandstone & Shale	1027		*	1992
Little Lime	1992		*	2034
Sandstone & Shale	2034		*	2097
Big Lime	2097		*	2291
Big Injun	2291		*	2334
Sandstone & Shale	2334		*	2701
Berea sandstone	2701		*	2714
Shale	2714		*	2947
Gordon	2947		*	2995
Undiff Devonian Shale	2995		*	5949 5962
Rhinestreet	5949	5962	~	6303 6406
Cashaqua	6303	6406	~	6414 6606
Middlesex	6414	6606	~	6434 6648
West River	6434	6648	~	6500 6818
Geneseo	6500	6818	~	6519 6876
Tully limestone	6519	6876	~	6558 7033
Hamilton	6558	7033	~	6587 7178
Marcellus	6587	7178	~	6728 11700
TD	6728	11700		

* From Pilot Hoel Log

~ From MWD Gamma Log

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: March 8, 2012
API #: 47-103-02625

Farm name: West Virginia Division of Natural Resources

Operator Well No.: WVDNR 1102

LOCATION: Elevation: 805'

Quadrangle: Center Point

District: Grant

County: Wetzel

Latitude: 39.504472 Feet South of 39 Deg. 30 Min. 13.90 Sec.

Longitude -80.6356 Feet West of 80 Deg. 38 Min. 14.90 Sec.

Company: Triad Hunter, LLC

Address: P.O. Box 430	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Reno, Ohio 45773				
Agent: Kimberly Arnold	20"	44'	44'	
Inspector: David Scrannage	13 3/8"	793.8'	793.8'	719.8 cu. ft.
Date Permit Issued: 01/20/2011	9 5/8"	3140.55'	3140.55'	1174.1 cu. ft.
Date Well Work Commenced: 03/04/2011	5 1/2"	13182.26'	13182.26'	3293.28 cu. ft.
Date Well Work Completed: 09/16/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6914'				
Total Measured Depth (ft): 12517'				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 225'-340', 380'-394', 590'-598'				
Void(s) encountered (N/Y) Depth(s) None				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Shale Pay zone depth (ft) 6820'

Gas: Initial open flow 3.8 M MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 4.93 M MCF/d Final open flow 59 Bbl/d

Time of open flow between initial and final tests 117 Hours

Static rock Pressure 2879 psig (surface pressure) after 117 Hours

Second producing formation Pay zone depth (ft)

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Signature

Date

Were core samples taken? Yes No Were cuttings caught during drilling? Yes^X No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Please refer to attached perforation and fracture treatment report

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
0'-35' sand	520'-580' shale		2465'-2470' Berea
35'-50' shale	580'-590' sand		2470'-2650' shale
50'-65' sand	590'-598' shale		2650'-2710' Gordon
65'-185' shale	598'-601' coal		2710'-2805' shale
185'-225' sand	601'-700' shale		2805'-2815' Fourth Sd
225'-340' shale	700'-760' sand		2815'-2900' Shale
340'-343' coal	760'-960' shale		2900'-2905' Fifth Sd
343'-355' shale	960'-1600' sand and shale		2905'-6759' Devonian Shale
355'-380' sand	1600'-1655' sand		6759'-6783' Hamilton
380'-394' shale	1655'-1795' shale		6783'-6874' Tully
394'-395' coal	1795'-1810' Little Lime		6874' Marcellus
395'-415' shale	1810'-1835' Pencil Cave		
415'-430' sand	1835'-1885' Big Lime		
430'-460' shale	1885'-2085' Big Injun		
460'-520' sand	2085'-2465' shale		

Perf Spacing for 16 stages

Stage length:	310
Num Clusters:	4 to 5
Dist between Perfs:	41~77
Perf length:	3'
Stages:	16
Start Depth:	12460
90 @:	7597'

[illegible]